

**ABSTRACT**

The bearings of a gas turbine are supplied with a lubricant from a reservoir by a main pump, when the turbine is operating. When the turbine is shut down and rotation ceases, the main pump also shuts down. When this occurs, an auxiliary pump is placed into operation to continue to supply the bearings with the lubricant until such time as the bearings have sufficiently cooled, at which point the auxiliary pump is shut down.

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